FLD 608

CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

SECRET/ [redacted] 25X1

COUNTRY	Czechoslovakia	REPORT NO. [redacted]	25X1
SUBJECT	Gustav Kliment Pipe Rolling Mills, Chomutov	DATE DISTR.	28 October 1953
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DATE OF INFO. [redacted]	25X1	REQUIREMENT NO. [redacted]	25X1
PLACE ACQUIRED		REFERENCES	

25X1

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1. The Gustav Kliment Pipe Rolling Mills (formerly Mannesmann), Chomutov, are located on an area 1,500 by 2,000 meters in size near the eastern outskirts of Chomutov. On the north side of the plant is Tovarni Street, on the west is Svedska Street. The eastern border of the plant is a railroad track which loops around the whole town and joins the main railroad track between Chomutov and Most near Sporice.

2. There are 4,200 employees of the Chomutov plant, including 800 women. The majority of the employees have been transferred to the plant from other branches of industry and retrained. 400 brigade workers, who come here for from four to six months, are employed in the rolling mills, drawing shops and finishing shops. The cold-drawing shops employ old skilled workers.

3. The Italian-made rolling machine, installed in 1951, is linked with a reduction rolling machine. The capacity per one-and-one-half minutes of this rolling machine is one piece of water pipe 1" in diameter and 60 meters long.

4. The plant has overhead travelling cranes with a capacity of 25,000 kg. These have been adapted to alternating current. In the rolling mill there are cranes with a capacity of 50,000 kg. The new drawing shops are equipped with Skoda cranes and with machines of Czechoslovak production.

5. The rolling machines are equipped with electric motors. These motors, of Czech production, were too weak at first, and full production could not begin until 1952, when new electric motors for alternating current had been supplied.

6. The Chomutov plant manufactures Mannesmann seamless pipe, thin-walled aircraft pipe from 1 to 1½ mm. thick and from 10 to 60 mm. diameter, as well as square, hexagonal and octagonal pipe with a rectangular sectional cut, i.e. thick-walled pipe for aircraft production. It also manufactures high-pressure pipe of 2, 4 and 5 mm. diameter and walls 12 mm. thick. All pipe is tested for pressures up to 180 atmospheres. The longest cold-drawn pipes are 3 meters long. The plant also manufactures cold-drawn special pipe of 120 mm. diameter and walls 5 mm. thick.

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STATE	x	ARMY	x	NAVY	x	AIR	x	FBI		AEC					

(Note: Washington Distribution Indicated By "X"; Field Distribution By "#".)

Inside diameters are true to a very high degree on this pipe. Heat-drawn pipe of many types is also drawn on drawing machines. On one shift, pipe 300 mm. in diameter, made of approximately 40 tons of steel, is rolled.

7. From 60 to 70% of the plant's entire production is exported to the USSR. Approximately 100 pieces of drilling pipe 6 meters long and 400 pieces of boiler pipe for locomotives 120 mm. in diameter, walls three to four mm. thick and 4 meters long, were shipped daily from the plant.

8. The plant also manufactures enlarged pipe 500 mm. in diameter and with walls from eight to ten mm. thick for the USSR. The ends of this pipe were chamfered to 45 degrees, for welding. 80 to 100 pieces of this pipe were loaded onto trucks and shipped out of the plant. The data given above refer to three-shift days.

9. Products destined for the USSR were handed over to Soviet commissars who carefully checked them before accepting. It often happened that a whole day's output was returned by the commissars even though it had been checked before and passed by Czech personnel.

10. [redacted] 25X1

11. Electricity is supplied partly by a power station inside the plant and partly by the Ervenice power station in Most (Mostecko-sokolovske elektrarny). The plant has its own gas works. Coal is brought in by cable car from the Jan Zizka mine of the North Bohemian Brown Coal Mines (Severoceske hnedouhelne doly). All the furnaces of the plant are heated by gas supplied by the Stalin Works, near Most.

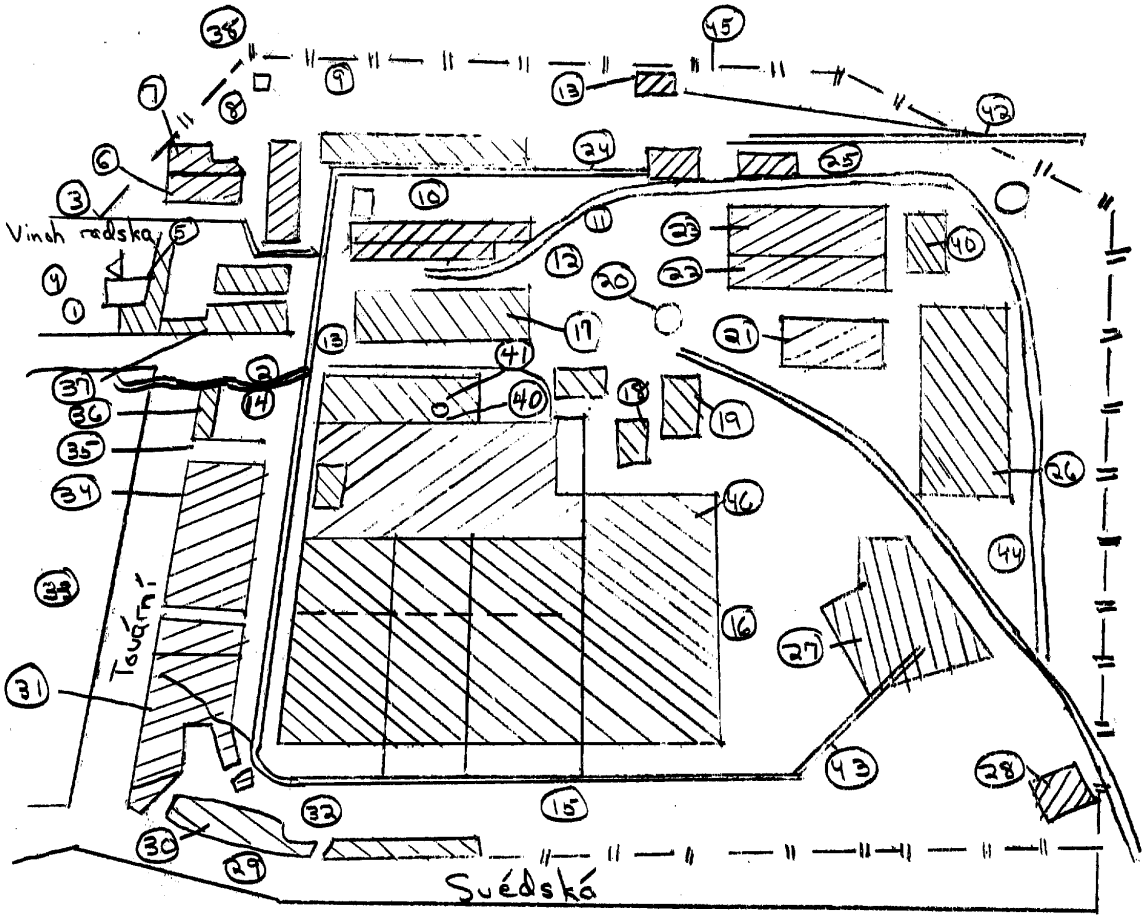
12. The plant is connected with the main Prague-Most railroad line by a narrow-gauge track which leads from Sporice to the building where steel is stored at the plant (No. 12 on Annex A).

13. The manager of the Gustav Kliment Pipe Rolling Mills, Chomutov, was Eng. Bittner (fnu), a steel expert. The deputy manager was Josef Jancato, a "proletarian".

14. The shortage of money has forced workers to produce more, and they were exceeding the production norms at times. The majority of the employees of this plant were members of the Communist Party. Foremen and head formen of the departments were all Communists; there were few experts and skilled workers among them. Political schooling takes place once a week, but it is only for members of the Communist Party.

Annex (A)

Gustav Kliment Pipe Rolling Mills,
Chomutov



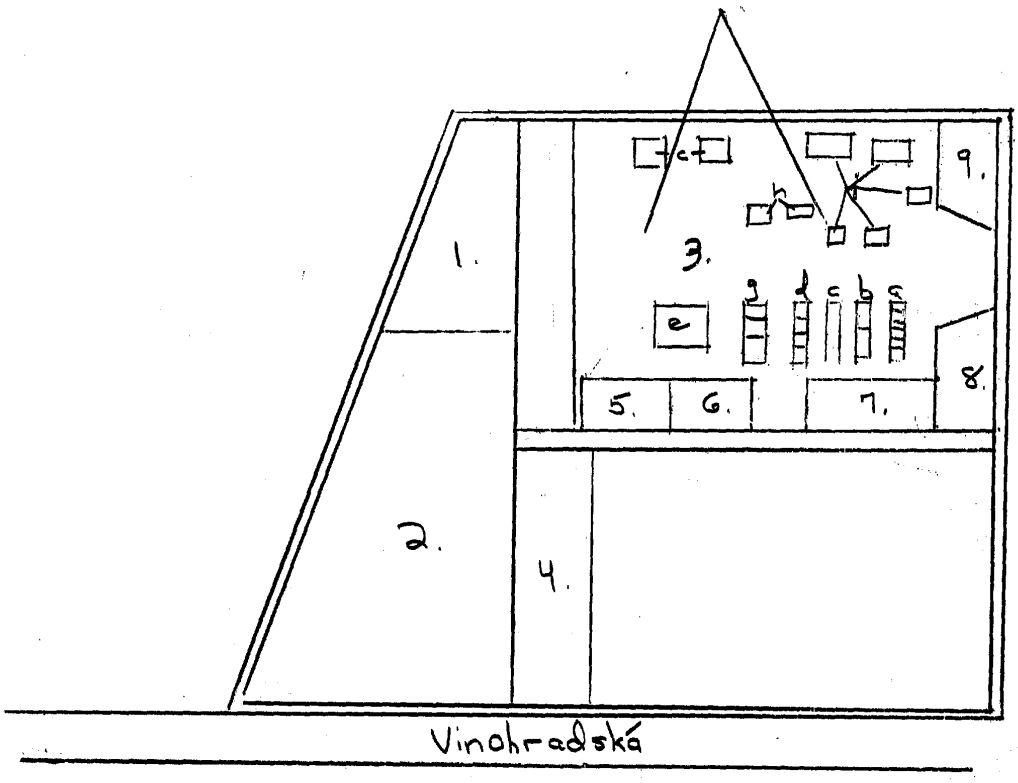
Legend to sketch of the Chomutov plant:

1. Management and maintenance of the plant; four-story building, 60 x 30 m.
2. Old management building, connected with No. 1 by a bridge.
3. Fire engine house.
4. Garages for passenger cars, exit to Vinohradska ulice.
5. Oxygen department - production of oxygen containers.
6. Tool hardening and chrome-plating shops.
7. Trainees school (adjoining No. 6).
8. Turning shop.
9. Machining department and plant maintenance.
10. Technical testing room, 15 x 15 m, 4 stories.
11. Turning shop, 70 x 100 m, for cutting threads on drilling pipe.
12. Storage of steel ingots and castings, on 100 x 50 m, equipped with two cranes.
13. Re-drawing shop.
14. Rolling mill with switchboard for the rolling mill.
15. Finishing shop and department of bent pipe (angle pipe).
16. Department of bent pipe; jute and asphalt shop.
17. Electrical workshop.
18. Electric distribution control center for the whole plant.
19. Oxygen department.
20. Gas container.
21. Main storage, 50 x 60 m.
22. Production shop (manufacture of coolers and cooling equipment).
23. Electric welding shop and a department manufacturing masts.
24. Installation (electrical?) department for the whole plant.
25. Locomotive heating shed.
26. Drawing shop, 70 x 150 m. (completed in 1951).
27. Shipping station of finished products.
28. Gatekeeper's lodge No. III.
29. Accounts department.
30. Gatekeeper's lodge No. II.
31. Plant canteen and kitchen.
32. Main entrance; gatekeeper's lodge.
33. Sick bay in Tovarni street.
34. Cold-drawing shop.
35. Pickling shop.
36. Accounts department of the pickling shop.
37. Gatekeeper's lodge No. I.
38. Trainees' club.
39. Gas works.
40. Boiler house.
41. 30-40 m. high chimney of the boiler house.
42. Narrow-gauge track for removing slag.
43. Narrow-gauge track through the whole plant.
44. Railway spur to main line.
45. Wire fence.
46. Building with departments 13-16 and 40-41 (400-600 meters along the northern side and 300-400 meters along the western side).

Note. No. 39 does not appear on the sketch.

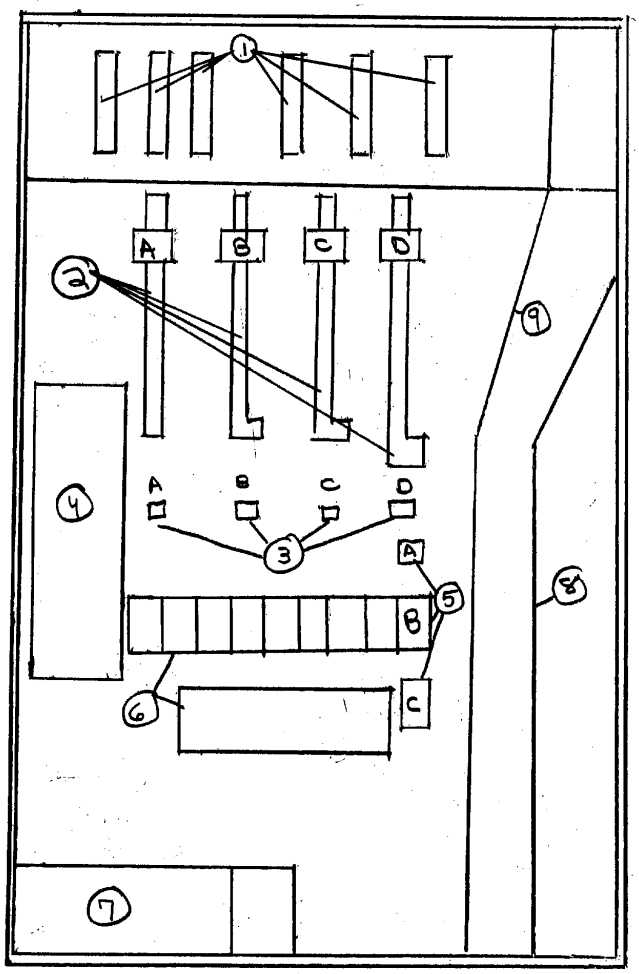
Annex (B)

Detail, Tool Hardening and Chrome-plating Shop



Annex (C)

Detail, Cold-drawing Shop



Legend to sketch, details of No. 6 - Tool Hardening and Chrome-plating Shops
Annex (B)

1. Cloak room and washroom.
2. Hard chromium plating shop for chromium-plating of drawing dies.
3. Tool shop with the following machinery.
   a) 6 grinding machines for grinding tools and milling cutters.
   b) 2 grinding machines for sharpening circular saws.
   c) 2 milling machines.
   d) 4 milling machines.
   e) 30 bench vices for production of blanking dies.
   f) 10 lathes.
   g) 3 shaping machines, 2 planing machines and 1 lathe.
   h) 2 relieving lathes (for turning milling-cutters).
   i) 5 presses.
4. Leather and driving belt shops.
5. X-ray department for X-raying cracks and profiles of the milling cutters.
6. Offices.
7. Tool store.
8. Hardening shop with a large hardening furnace, 3 x 2 x 2 meters, and an electric welding apparatus.
9. Forge of the tool shop.

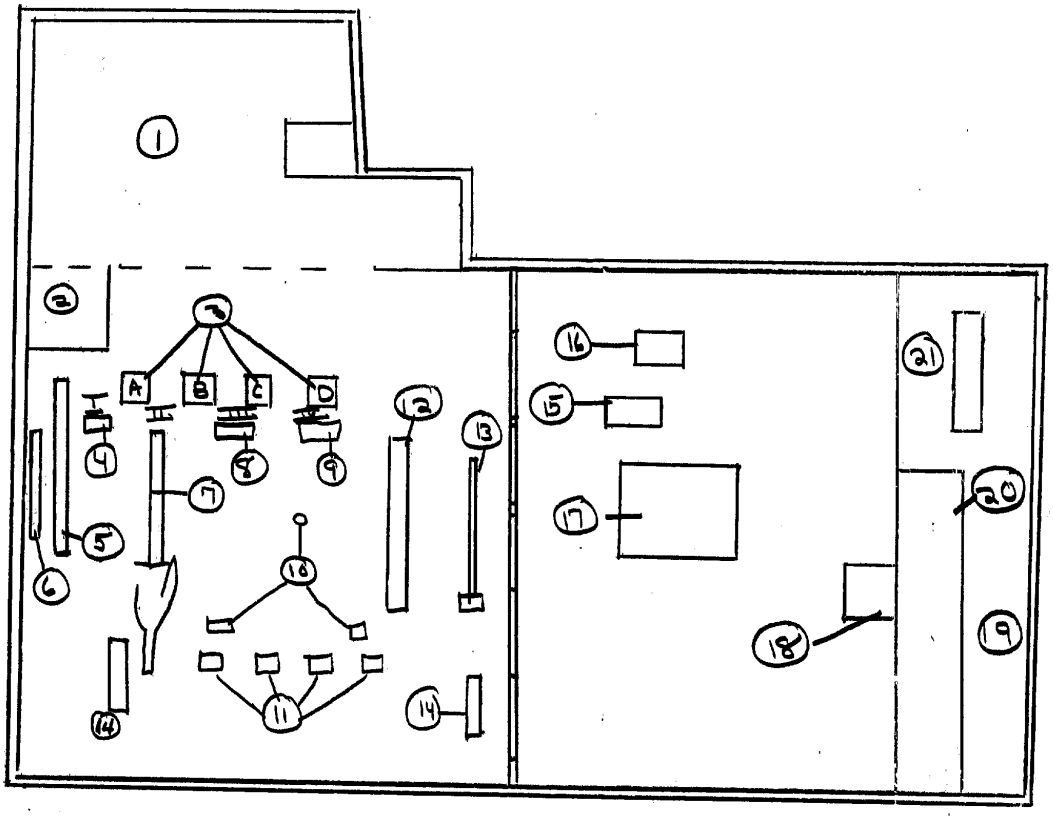
Note. No. 3f does not appear on the sketch.

Legend to sketch, details of No. 34 - Old Cold-drawing Shop Annex (C)

1. Pickling shop with 6 tubs filled with diluted sulphuric acid. Tempered pipes are pickled here before being drawn again in order to achieve a smooth surface.
2. 4 drawing machines, a,b,c,d, for drawing pipes of various dimensions.
3. Circular saws for cutting pipe.
4. Tempering furnace, 3 x 2½ m. and 20 m. long, equipped with 6 cranes, type Demak.
5. A,b,c, - pneumatic presses.
6. Control benches.
7. Cloakrooms and washrooms.
8. Production offices.
9. Narrow-gauge track through the hardening and pickling shops.

Annex (D)

Detail, Rolling Mill and Re-drawing Shop



Legend to sketch, details of No. 46 - Rolling Mill and Re-drawing Shop Annex (D)

1. The re-drawing shop for pipe of 300 mm. diameter and thickness of walls of perhaps 21 mm. to a diameter of 500 mm. and thickness of the wall of 8 mm. Equipped with a furnace and re-drawing bench with two overhead travelling cranes to carry 35 kg.[1] 4 hydraulic presses. This department has its own boiler house with 4 boilers, heated by gas. Next to it is a 30-40 m. high chimney.

2. Main switchboard for the entire department 46, with 6 oil transformers.

3. A,b,c,d, extrusion benches for extruding ingots before they go into the rolling machines.

4. Rolling machine No. 1, for rolling pipes for the drawing shop up to a diameter of 120 mm.

5. Furnace.

6. Rolling machine.

7. Italian rolling machine No. II, with a reduction rolling machine put into operation in 1951.

8. Double rolling machine III, for rolling pipe up to 250 mm. diameter.

9. Rolling machine No. IV - to roll pipe of 250-350 mm. diameter.

10. Three pneumatic power hammers for pointing pipe for the drawing machine.

11. Finish bed with circular saws and slicing lathes.

12. Gas heating furnace, 4 x 5 x 20 meters.

13. Special machine for masts.

14. Pressure testing apparatus up to 80 atmospheres pressure.

15. Department of rimmed pipe, with a hydraulic press.

16. Furnace for heating the pipe.

17. Department for welding flanges.

18. Department for bent pipe.

19. Thread cutting machine for water and gas pipe.

20. Juta and asphalt shop.

21. Main asphalt shop with a furnace for heating pipe and 6 cranes. 25X1

25X1 1. [redacted] Comment. [redacted]
25X1 [redacted] tons are probably meant, rather than kilograms.